

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("20050024310").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 12:48
S2	14	((("20020075436") or ("6661488") or ("20040041770") or ("20010033353") or ("20050041186") or ("20030001810") or ("20010040546")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 17:02
S3	7	((("20020075436") or ("6661488") or ("20040041770") or ("20010033353") or ("20050041186") or ("20030001810") or ("20010040546") or ("20020075436")).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/26 15:19
S4	2	("6952192").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/25 14:51
S5	9045	(345/87,89,94-96,98,208-210).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 14:43
S6	0	("345"/\$).ccls. and "liquid crystal display" and (vertical with black with align\$3 with mode) and ((gradation grayscale gray) same time same add\$3 same subtract\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:52
S7	0	("345"/\$).ccls. and "liquid crystal display" and (vertical with black with align\$3 with mode) and ((gradation grayscale gray) same time same (add\$3 subtract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 14:14
S8	22	("345"/\$).ccls. and "liquid crystal display" and (vertical with black) and ((gradation grayscale gray) same time same (add\$3 subtract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:56
S9	0	("345"/\$).ccls. and "liquid crystal display" and (vertical with black) and ((gradation grayscale gray) same time same (add\$3 and subtract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:53
S10	1	("345"/\$).ccls. and "liquid crystal display" and (vertical\$3 with align\$3 with black) and ((gradation grayscale gray) same time same (add\$3 subtract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/25 14:56
S11	1	("20020075436").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/25 15:28
S12	318924	(data gray gradation data value) near5 (last previous earlier old\$2 preced\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 14:42

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S13	595043	(data gray gradation data value) near5 (current present now instant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 14:42
S14	544951	(data gray gradation data value) near5 (next target future later subsequent)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 14:43
S15	1590	(345/89).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 14:43
S16	15399	((angle response) near3 (time speed)) with (pixel (liquid adj crystal) lc\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 14:44
S17	9128	(345/87,89,94-96,98,208-210).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/26 14:45
S18	23	S17 and S16 and (S13 same S14 same (increas\$3 larg\$2 add\$3 addition)) and (S12 same S13 same (decreas\$3 reduc\$3 lower\$3 subtract\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 14:48
S19	246	S17 and S16 and S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 14:48
S20	1	("liquid crystal" and vertical\$3 and black and (target near3 gradation) and (current near3 gradation) and combination and tolerance and time and add\$3 and subtract\$3 and (previous near3 gradation)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:03
S21	13	((("6661488") or ("20040041770") or ("20010033353") or ("20050041186") or ("20030001810") or ("20010040546") or ("20020075436") or ("6952192") or ("6833886") or ("6977636") or ("7190340") or ("7038647") or ("6853384"))).PN.	US-PGPUB; USPAT	OR	OFF	2007/10/26 15:23
S22	2	S21 and ((angle lc (liquid adj crystal)) near5 response near5 (speed time)) and (add\$3 addition) and (subtract\$3) and S12 and S13 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:30
S23	9128	(345/87,89,94-96,98,208-210).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/28 12:49
S24	4	S23 and ((vertical\$3 near3 align\$4) same black) and (((angle angular) near5 response near5 (time speed duration)) same (grayscale gray gradation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 12:52

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S25	23	((vertical\$3 near3 align\$4) same black) and ((angle angular) near5 response near5 (time speed duration)) same (grayscale gray gradation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 12:54
S26	160	((vertical\$3 near3 align\$4) same black) and ((response near5 (time speed duration)) same (grayscale gray gradation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 12:54
S27	35	S23 and ((vertical\$3 near3 align\$4) same black) and ((response near5 (time speed duration)) same (grayscale gray gradation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 13:18
S28	16	S23 and ((vertical\$3 near3 align\$4) same (black near3 mode)) and ((response near5 (time speed duration)) same (grayscale gray gradation))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 13:25
S29	17	S23 and ((vertical\$3 near3 align\$4) same (black near3 mode)) and ((response near5 (time speed duration)) same (area region))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/28 13:26